ALGEBRA 1 2-9 PRACTICE WORKSHEET		Name Date	
Solve for each percent, base or amount using a proportion and an equation. NOTE: The answers from each method should be the same.			
1. Write the generic version for each.			
Percent Proportion		Percent Equation	
2. What is 40% of 120?	<u>Proportion</u>		<u>Equation</u>

3. 70% of what number is 63?

**Proportion** 

**Equation** 

4. What percent of 65 is 115? **Proportion** 

**Equation** 

5. A pair of pants that regularly costs \$55 are on sale for 35% off the regular price. What is the sales price of the pants? Solve using an equation.

6. An entrepreneur purchases items from a wholesale outlet and resells them on her own website. If she purchases an item for \$18 and marks ups her merchandise 40%, what price will she sell the item for on her website? Solve using an equation.

\$13,000 is deposited into a savings account that earns simple interest at a rate of
6.5% per year. How much interest will the money earn after 3 years? Use I = prt.

A family deposited \$8,000 into an account six years ago. The account earned simple interest at an annual rate. So far the total interest earned is \$1200.
What is the interest rate for the account? Use I = prt.